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## DEPARTMENT OF ENVIRONMENTAL SERVICES

FY 2009 OPERATING &  
CIP BUDGETS  
March 20, 2008

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RECEIVED

## OUTLINE

- Operating Budget
  - Highlights/Summary
  - Storm Water Quality
  - Solid Waste
  - Wastewater
- Capital Budget
  - Storm Water Quality
  - Solid Waste
  - Wastewater
- Summary

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## FY 2009 DEPARTMENT OPERATING BUDGET SUMMARY

	FY 2008	FY 2009	\$ Change	% Change
Salary	\$ 56,899,148	\$64,791,099	\$7,891,951	14%
Current Expense	192,405,768	198,792,227	6,386,459	3%
Equipment	2,147,005	91,000	-2,056,005	-96%
Total	251,451,921	263,674,326	12,222,405	5%

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## FY 2009 SALARIES

	FY 2008	FY 2009	\$ Change	% Change	# Unfunded positions FY09
Administration	\$ 2,089,760	\$2,285,422	\$195,662	9%	0
Environmental Quality	5,589,240	6,209,868	620,628	11%	3
Collection System Maintenance	7,396,245	8,396,874	1,000,629	14%	18
WW Treatment and Disposal	17,612,089	19,373,751	1,761,662	10%	71
Refuse	24,211,814	28,525,184	4,313,370	19%	29
Total	56,899,148	64,791,099	7,891,951	14%	121

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## FY 2009 POSITIONS

1,148.75 Positions authorized in FY08

1,169 Positions requested for FY09

255 Vacancies (Jan 08) – 30 Fewer than Jan 07

- 110 currently un-funded in FY08
- 145 FY08 vacancies are funded
- 126 of those are filled, in the process of being filled, or expected to be filled in FY08
- An additional 18 positions are expected to be filled in FY09
- 121 to be un-funded for FY09

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## FY 2009 CURRENT EXPENSE

DIVISION	FY 2008	FY 2009	\$ Change	% Change
Administration	\$10,270,384	\$9,792,187	-\$478,197	-5%
Environmental Quality	8,519,432	9,405,369	885,937	10%
Collection System Maintenance	4,678,275	5,098,700	420,425	9%
WW Treatment and Disposal	41,826,856	44,170,668	2,343,812	6%
Refuse	127,110,821	130,325,303	3,214,482	3%
Total	192,405,768	198,792,227	6,386,459	3%

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### FY 2009 EQUIPMENT

	FY08	FY09	\$ CHANGE	% CHANGE	CIP
Solid Waste	\$51,000	\$22,000	-\$29,000	-57%	\$9,859,000
Wastewater	1,937,005	0	-1,937,005	-100%	5,000,000
Storm Water Quality	159,000	69,000	-90,000	-57%	0
<b>TOTAL</b>	<b>2,147,005</b>	<b>91,000</b>	<b>-2,056,005</b>	<b>-96%</b>	<b>14,859,000</b>

Grand Total = \$91,000 + \$14,859,000 = \$ 14,940,000

(FY08 TOTAL = \$17,118,005)

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### FY 2009 OPERATING BUDGET APPROPRIATION

	FY08	FY09	Change	% Change
Storm Water Quality (General Fund/Federal Grants)	\$7,500,476	\$7,367,024	-\$133,452	-2%
Solid Waste Fund	221,288,807	229,235,956	7,947,149	3.6%
Sewer Fund	196,053,329	228,581,485	32,528,156	16.6%
<b>Total</b>	<b>424,842,412</b>	<b>465,184,465</b>	<b>40,341,853</b>	<b>9.5%</b>

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### FY 2009 STORM WATER QUALITY APPROPRIATION

	FY08	FY09	Change	% Change
Salary	\$1,085,776	\$1,216,541	\$130,765	12%
Current Expense	6,392,700	6,015,600	-377,100	-6.9%
Equipment	159,000	69,000	-90,000	-69%
<b>Total</b>	<b>7,637,476</b>	<b>7,301,141</b>	<b>-336,335</b>	<b>-4.4%</b>

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## SOLID WASTE REVENUES

Revenue	FY08	FY09	Change	% Change
- Tip Fees (H-Power)	\$24,393,000	\$23,100,000	-\$1,293,000	-5.3%
- Electrical Energy (H-Power)	29,541,000	30,000,000	459,000	1.6%
- Transfer Station and Landfill Tip Fees	13,667,000	13,888,000	221,000	1.6%
- Investments	1,951,000	2,298,000	347,000	17.8%
- Other Revenue	40,638,800	48,386,425	7,747,625	19.1%
- Residential Collection (General Fund)	102,575,777	92,580,559	-9,995,218	-9.7%
<b>TOTAL</b>	<b>212,766,577</b>	<b>210,252,984</b>	<b>-2,513,593</b>	<b>-1.2%</b>
Beginning Balance	32,528,301	38,858,802	6,330,501	19.5%
<b>TOTAL BUDGET</b>	<b>245,294,878</b>	<b>249,111,786</b>	<b>3,816,908</b>	<b>1.6%</b>

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## ALLOCATION OF TOTAL SOLID WASTE FUND APPROPRIATION

SOLID WASTE FUND	FY08	FY09	CHANGE	% Change
- Operations	\$151,719,392	\$159,503,615	\$7,784,223	5.1%
- Non-Salary personnel costs	13,028,000	12,706,500	-321,500	-2.5%
- OPEB	3,977,000	3,164,000	-813,000	-20.4%
- Provision for energy costs	0	50,000	50,000	100%
- Debt Service (GO Bonds)	32,912,000	33,537,000	625,000	1.9%
- Support by other City agencies	19,652,415	20,274,841	622,426	3.2%
<b>SUB-TOTAL</b>	<b>221,228,807</b>	<b>229,235,956</b>	<b>7,947,149</b>	<b>3.6%</b>
- Legislative	8,000	8,000	0	0%
<b>TOTAL</b>	<b>221,236,807</b>	<b>229,243,956</b>	<b>7,947,149</b>	<b>3.6%</b>

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## FY 2009 SOLID WASTE APPROPRIATION

	FY 08	FY09	Change	% Change
Salary	\$24,538,319	\$29,058,923	\$4,520,604	18.4%
Current Expense	127,130,073	130,422,672	3,292,599	2.6%
Equipment	51,000	22,000	-29,000	-56.8%
<b>Total</b>	<b>151,719,392</b>	<b>159,503,615</b>	<b>7,784,223</b>	<b>5.1%</b>

Budget Issue: Curbside Mixed Recycling Program Expansion

- SALARY: \$2,148,440
- CURRENT EXPENSE: \$5,920,500
- TOTAL: \$8,068,940

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## WASTEWATER REVENUES

	FY 08	FY 09	Change	% Change
Sewer Service Charges	\$197,280,000	\$233,430,000	\$36,150,000	18%
System Facility Charges	8,110,000	8,360,000	250,000	3%
Investments	8,600,000	8,600,000	0	0%
Others	106,100	136,100	30,000	28.3%
<b>Total</b>	<b>214,096,100</b>	<b>250,526,100</b>	<b>36,430,000</b>	<b>17%</b>

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## ALLOCATION OF TOTAL SEWER FUND APPROPRIATION

SEWER FUND	FY 08	FY09	Change	% Change
- Operations	\$92,232,053	\$96,803,507	\$4,571,454	5.0%
- Non-salary Personnel Costs	14,110,000	12,647,850	-1,462,150	-10.4%
- OPEB	3,875,000	3,552,000	-323,000	-8.3%
- Debt Service (GO Bonds/SRF)	7,649,000	15,897,000	8,248,000	107.8%
- Debt Service (Revenue Bonds/SRF)	65,222,000	82,586,000	17,364,000	26.6%
- Provision for Energy Costs	0	2,500,000	2,500,000	100%
- Support by Other City Agencies	12,965,546	14,595,128	1,629,582	12.6%
<b>Subtotal</b>	<b>196,053,329</b>	<b>228,581,485</b>	<b>32,528,156</b>	<b>16.6%</b>
- Legislative	40,000	40,000	0	0%
<b>TOTAL</b>	<b>196,093,599</b>	<b>228,621,485</b>	<b>32,528,156</b>	<b>16.6%</b>

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## WASTEWATER ENTERPRISE

- Meets all Financial Policy and Revenue Bond requirements
  - Revenues sufficient to ensure compliance with bond covenants, pay for O&M, and provide reserve
  - Provides reserve funds to meet 3 month requirement (\$32.5m)
  - Provides reserve funds to make initial bond payments in FY10 (\$57.8M)
  - Provides coverage of 1.63 times (net revenues of \$112M)

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## DEPARTMENT OF ENVIRONMENTAL SERVICES

### FY 2009 CAPITAL IMPROVEMENT PROGRAM

#### STORM WATER QUALITY

Storm Drainage

#### SOLID WASTE

Waste Collection and Disposal

#### WASTEWATER

Improvement District – Sewers

Sewage Collection and Disposal

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## STORM WATER QUALITY

ENV PROJECTS RELATE TO THE IMPROVEMENT OF WATER  
QUALITY THROUGH CONTROL OF WHAT IS DISCHARGED  
THROUGH STORM DRAINS

- Hydrodynamic Separator, Kahuhipa St. \$ 287,000 (D,C, I,E) FY09
- Storm Drainage Best Management Practices  
in the Salt Lake Drainage System \$ 1,035,000 (P,D,C,I,E) FY09
- Storm Drainage Best Management Practices  
in the vicinity of Kaelepulu Pond \$1,725,000 (P,D,C,I,E) FY09
- Waikiki Drain Outfall Improvements \$ 200,000 (P,D) FY09

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## STORM WATER QUALITY

### NPDES SMALL MS4 PERMIT PROJECTS BUDGETED ELSEWHERE

#### NPDES SMALL MS4 PERMIT PROGRAM

- for Honolulu Police Dept \$ 600,000 (P,D,C,I,E) FY09
- for Honolulu Fire Dept \$ 600,000 (P,D,C,I,E) FY09
- for Department of Parks and Recreation \$1,100,000 (P,D,C,I,E) FY09
- for Department of Enterprise Services \$1,100,000 (P,D,C,I,E) FY09
- DDC for Facility Maintenance \$7,350,000(P,D,C,I,E) FY09

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## SOLID WASTE

### Waste Collection and Disposal

- Kapaa Transfer Station Road Reconstruction \$ 701,000 (D,C) FY09
- Keehi Transfer Station – Fuel Station Renovation \$ 951,000 (D,C) FY09
- Refuse Convenience Center Improvements \$ 751,000 (D,C) FY09
- Solid Waste to Energy Facility \$ 3,000 (P,D,C) FY09
- Solid Waste To Energy Facility – Pollution Control Improvements \$10,001,000 (D,C,I) FY09
- Solid Waste To Energy Facility – Purchase \$ 1,000 (X) FY09
- Solid Waste Weighing Facility \$ 102,000 (L,D,C) FY09

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## WASTEWATER

### CAPITAL PROGRAM

Fiscal Year							
05	06	07	08	09	10	11	12
\$107.3	\$205.8	\$338.9	\$350.7	\$222.9	\$323.9	\$220.9	\$352.4

- Dollars in millions
- Encumbered amounts for FY05 through FY07
- Budget amounts for FY08 and FY09
- Projected amounts for FY10 through FY12

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## WASTEWATER

### Work Phase Breakdown – FY09 CIP

- Land \$ 11,000
- Planning \$ 34,255,000
- Design \$ 16,846,000
- Construction \$148,946,000
- Inspection \$ 12,885,000
- Equipment \$ 5,003,000
- Other \$ 5,000,000
- Total \$222,946,000

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## WASTEWATER Improvement District-Sewers

- > Ewa Beach Sewers, Section 4, Improvement District
  - \$ 750,000 (D) FY09
  - \$1,000 (L) FY09

Kamehameha Hwy Sewers, Improvement District, Kaneohe  
 \$ 100,000 (P) FY09  
 \$1,000 (D) FY09

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## WASTEWATER Sewage Collection and Disposal

- Leeward Region: Kapolei to Halawa, Waianae, Wahiawa  
 Total FY09, all work phases = \$73,216,000  
 (includes \$57,001,000 for construction, 78 % of total)

~ Highlights:

- Collection System Projects: \$28,109,000  
 Includes 3 gravity sewer projects, 1 force main project,  
 and the Waipahu, Pearl City, Waimalu and Halawa system project.
- Honouliuli WWTP Projects: \$10,507,000
- Wahiawa WWTP Projects: \$34,600,000

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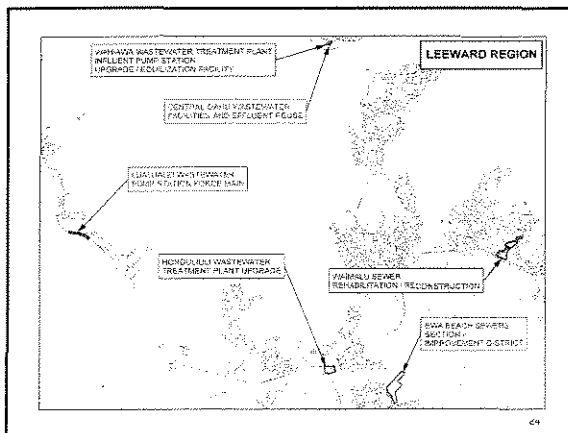
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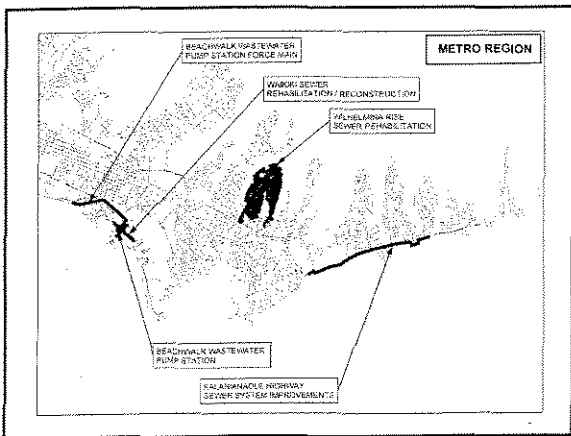
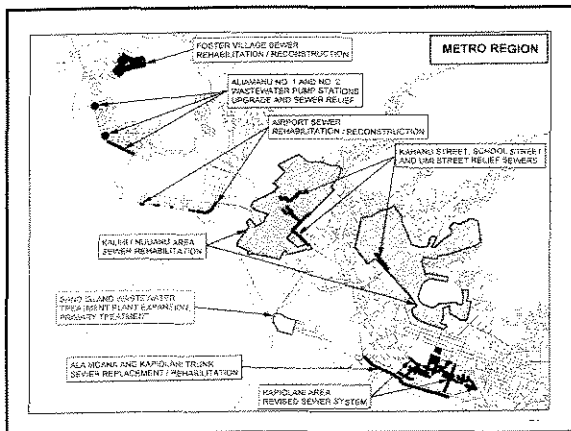


## WASTEWATER

### Sewage Collection and Disposal

- Metro Region: Aliamanu to Kuliiouou  
Total FY09, all work phases = \$88,074,000  
(includes \$69,343,000 for construction, 79% of total)
- Highlights:
  - Collection System Projects: \$76,167,000  
Includes 9 gravity sewer projects, 2 pump station projects, and 2 force main projects.
  - Sand Island WWTP Projects: \$11,907,000

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## WASTEWATER

### Sewage Collection and Disposal

- Windward Region: Waimanalo, Kailua, Kaneohe, Laie  
Total FY09, all work phases = \$11,518,000  
(includes \$3,002,000 for construction, 26% of total)
- Highlights:
  - Kaneohe & Kailua Collection System Projects: \$5,011,000  
Includes 5 gravity sewer projects, 2 pump station projects, and 1 force main project.
  - Kailua Regional WWTP Projects: \$6,507,000

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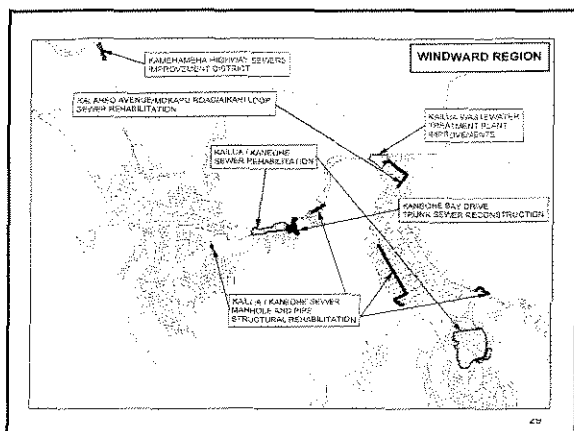
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## WASTEWATER

### Sewage Collection and Disposal

- System-wide Programs and Projects:  
Total FY09, all work phases = \$33,755,000
- Highlights:
  - Sewer Condition Assessment Program: \$3,000,000
  - Sewer Mainline & Lateral Projects: \$7,302,000
  - Sewer Manhole and Pipe Rehabilitation at Various Locations: \$ 352,000
  - Wastewater Equipment: \$5,000,000
  - Wastewater Facilities Replacement Reserve: \$5,000,000
  - Wastewater Treatment Plant, Pump Station, and Force Main Projects: \$13,101,000

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## WASTEWATER

### Sewage Collection and Disposal

- Wastewater Planning, Project and Program Management:  
Total FY09, all work phases = \$14,980,000

– Highlights:

- Project Management for Wastewater Projects: \$6,719,000  
(Project support provided by DDC)
- Wastewater Planning and Programming: \$259,000  
(Planning and program support provided by ENV)
- Wastewater Program Management: \$8,002,000  
(Consultant services for program management)

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## Department FY2009 BUDGET

	FY08	FY09	Change	% Change
<b>Operations</b>	319,059,612	333,164,465	14,104,853	4.4%
<b>Debt Service</b>	105,783,000	132,020,000	26,237,000	24.8%
<b>Capital Program</b>	414,133,961	248,562,000	-165,571,961	-40.0%
<b>Total</b>	838,976,573	713,746,465	-125,230,108	-14.9%

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